

FIG. 1

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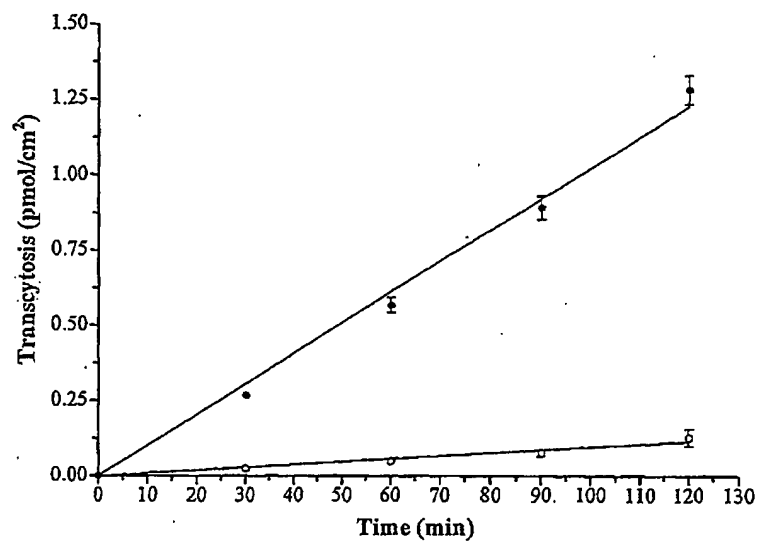


FIG. 2

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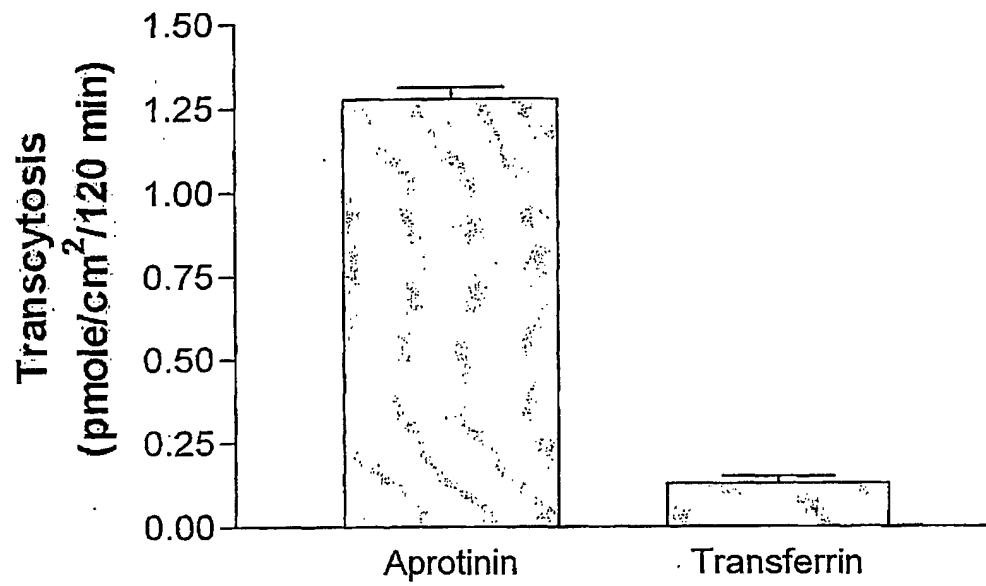


FIG. 3

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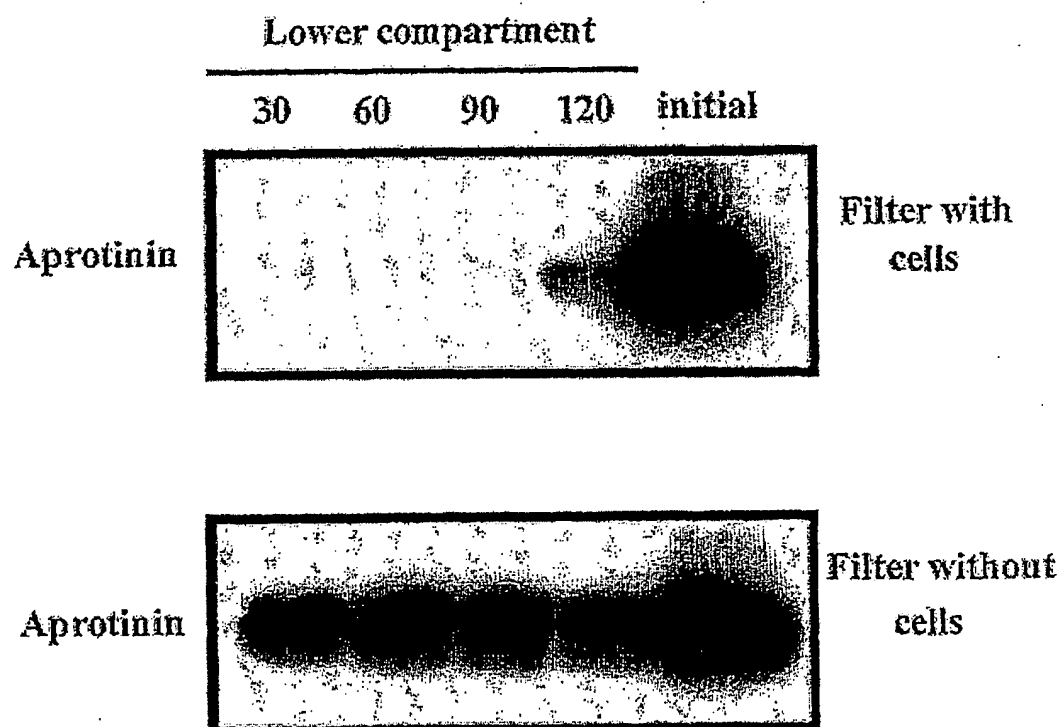


FIG. 4

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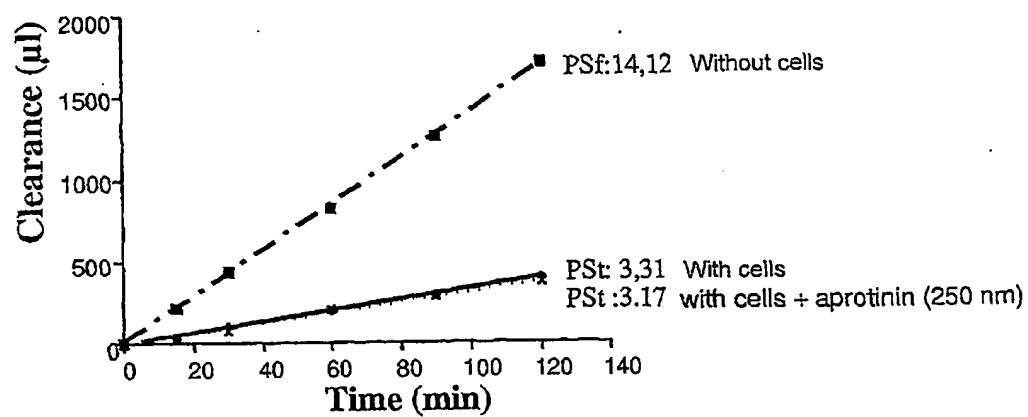


FIG. 5

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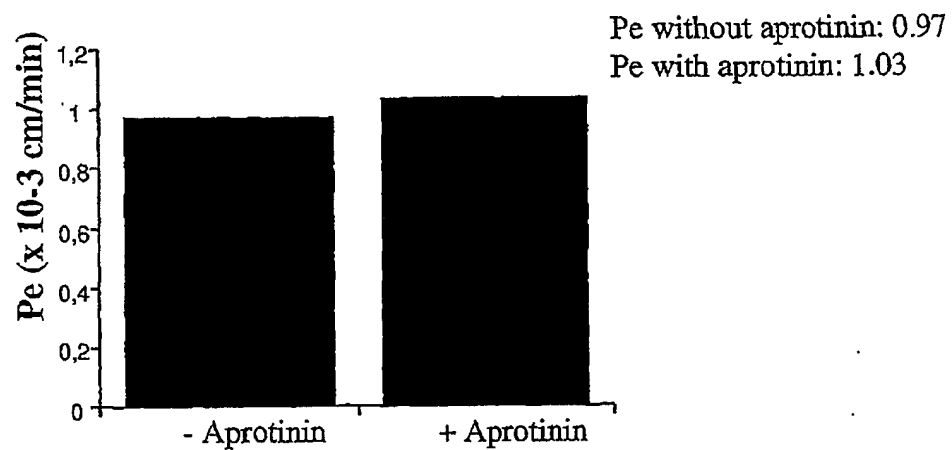


FIG. 6

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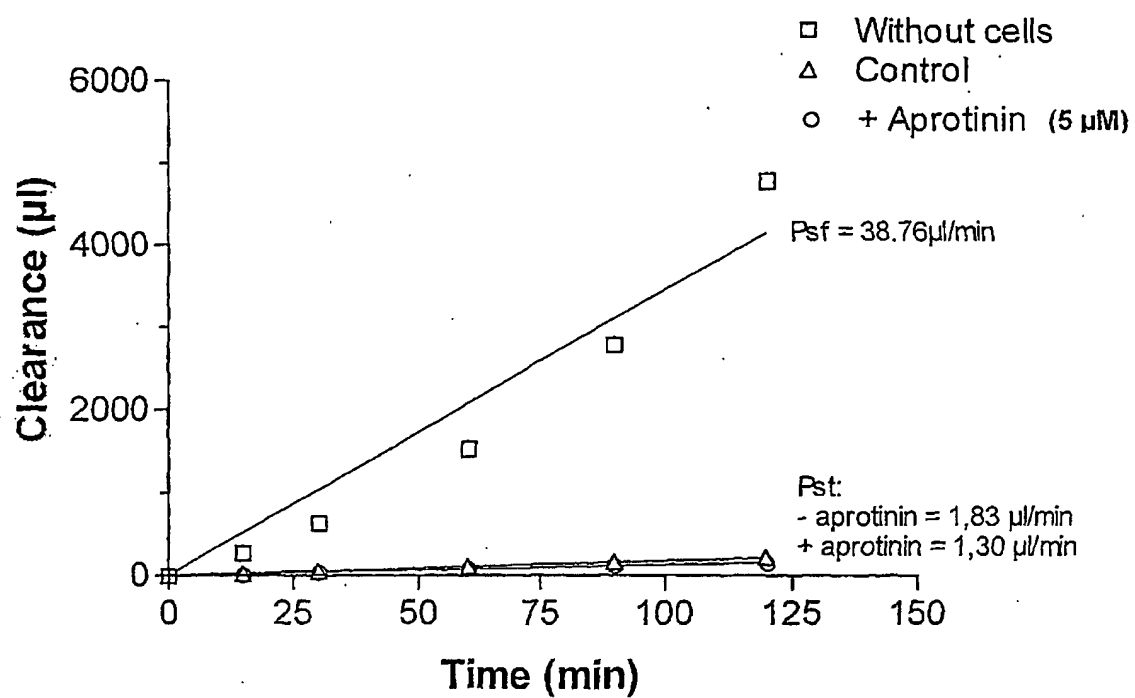


FIG. 7

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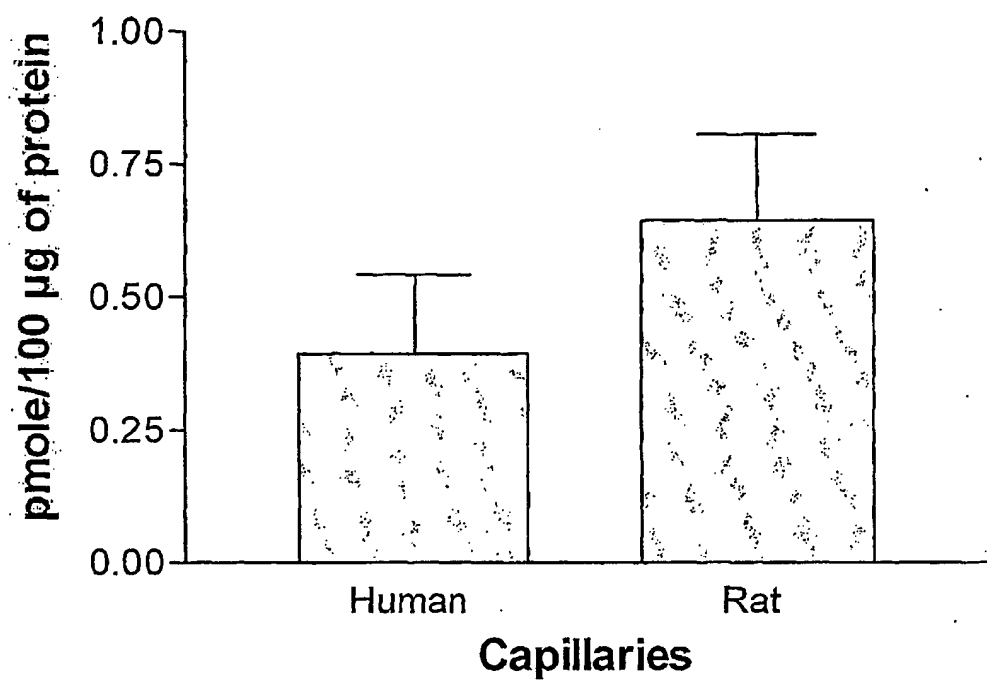


FIG. 8

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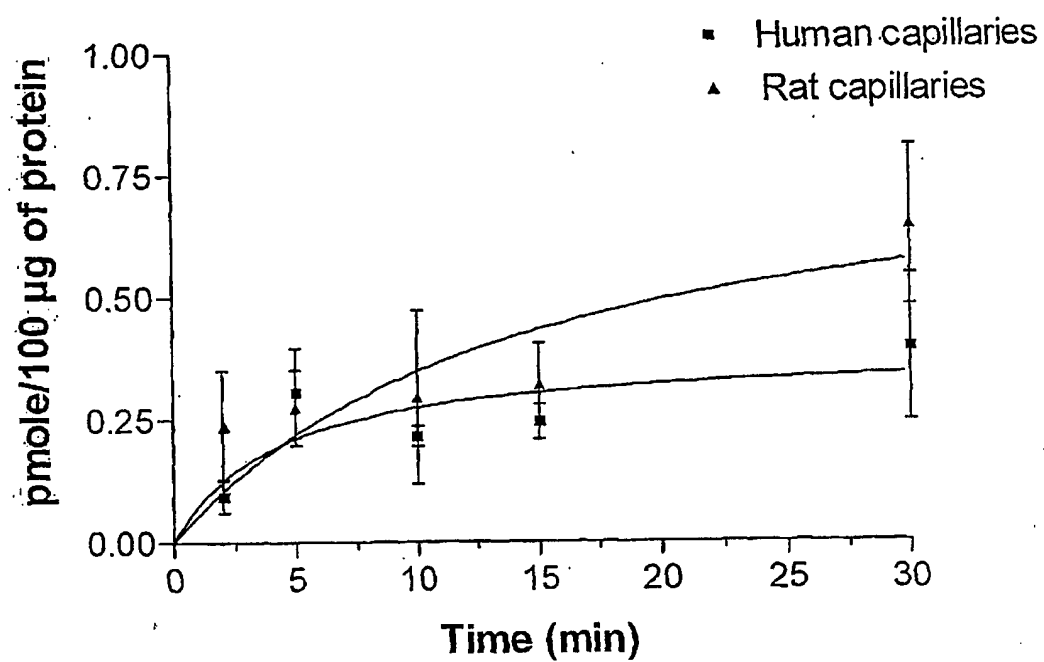


FIG. 9

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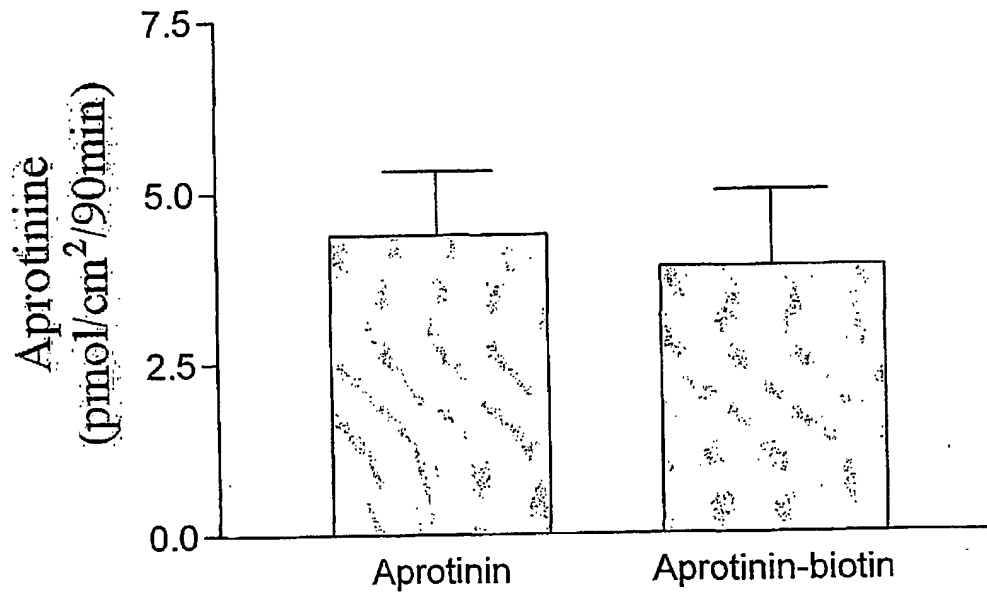


FIG. 10

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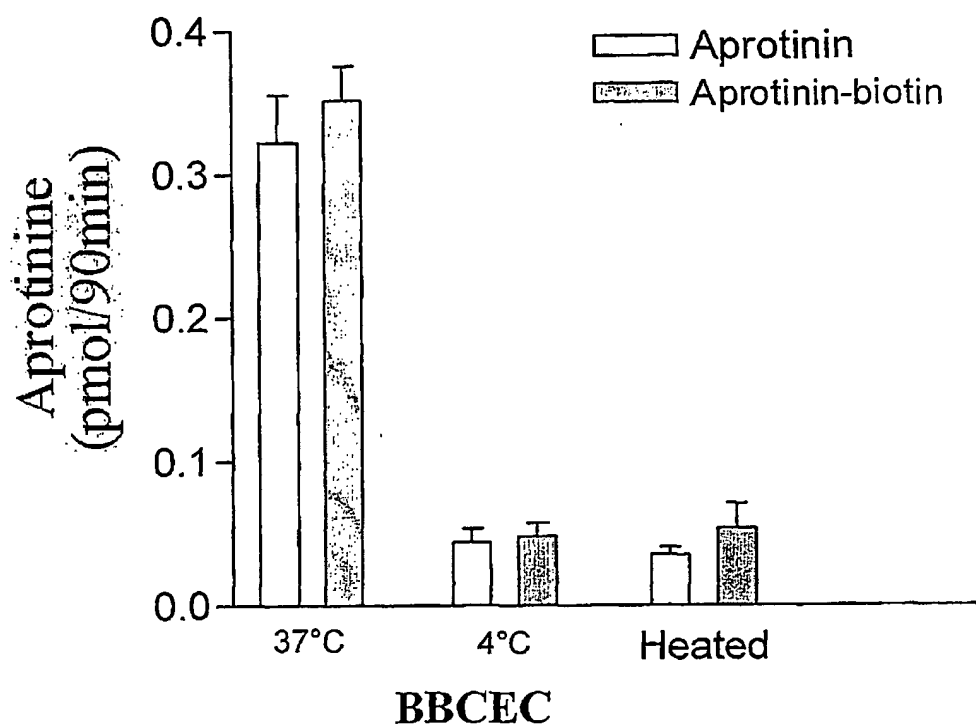


FIG. 11

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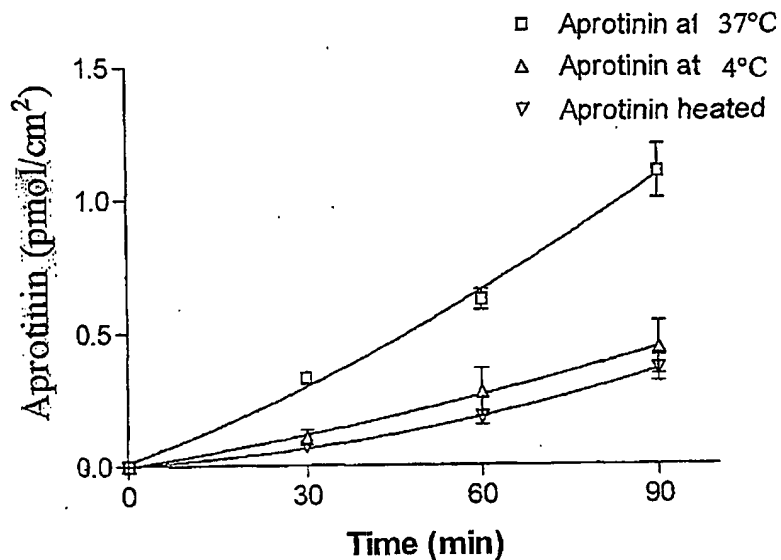


Fig. 12A

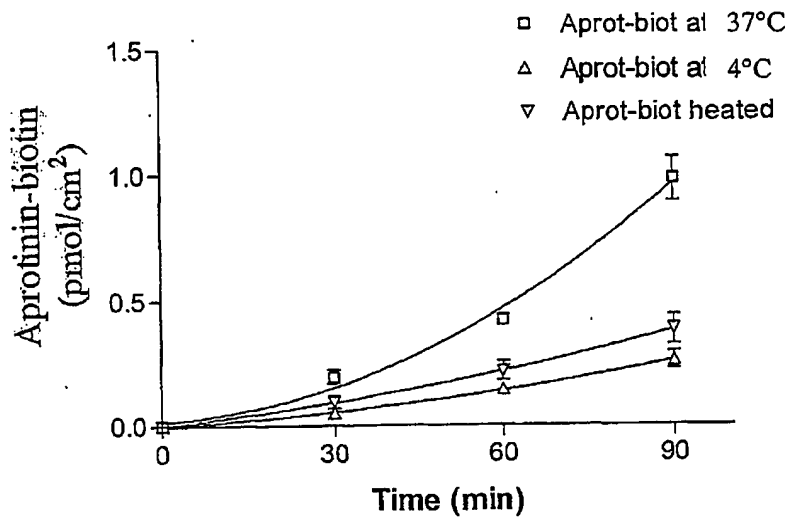


FIG. 12B

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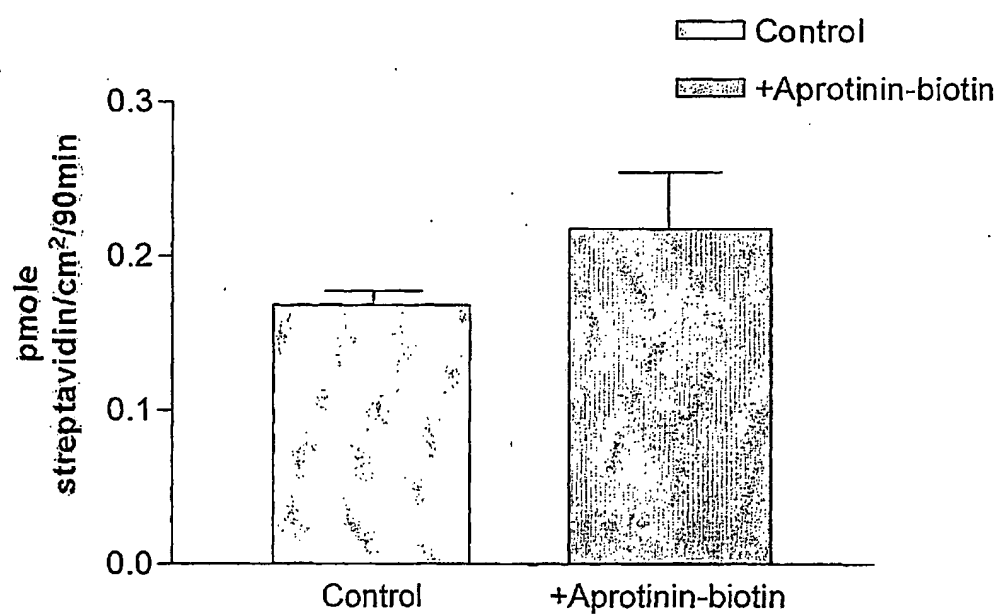


FIG. 13

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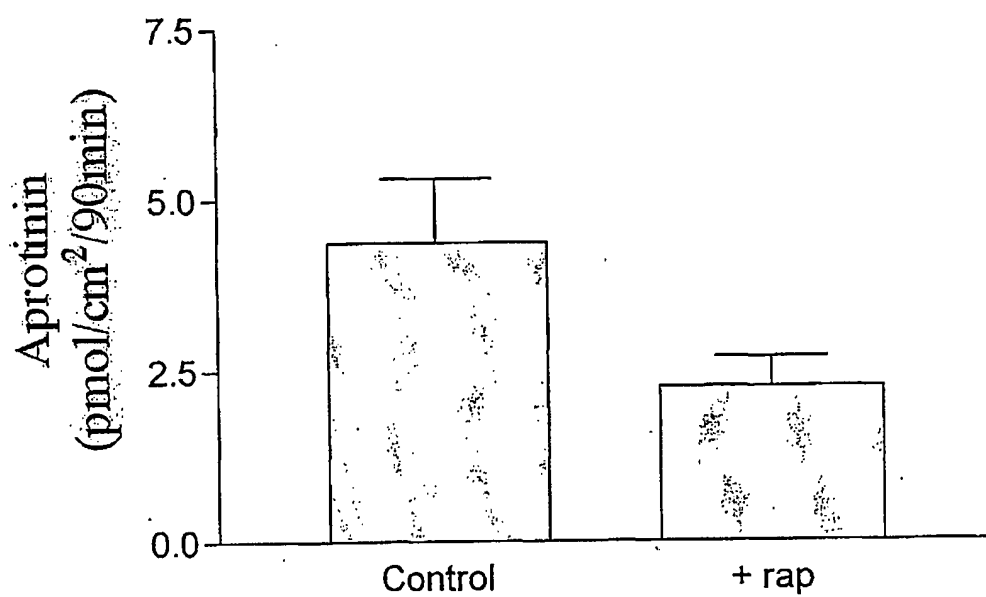
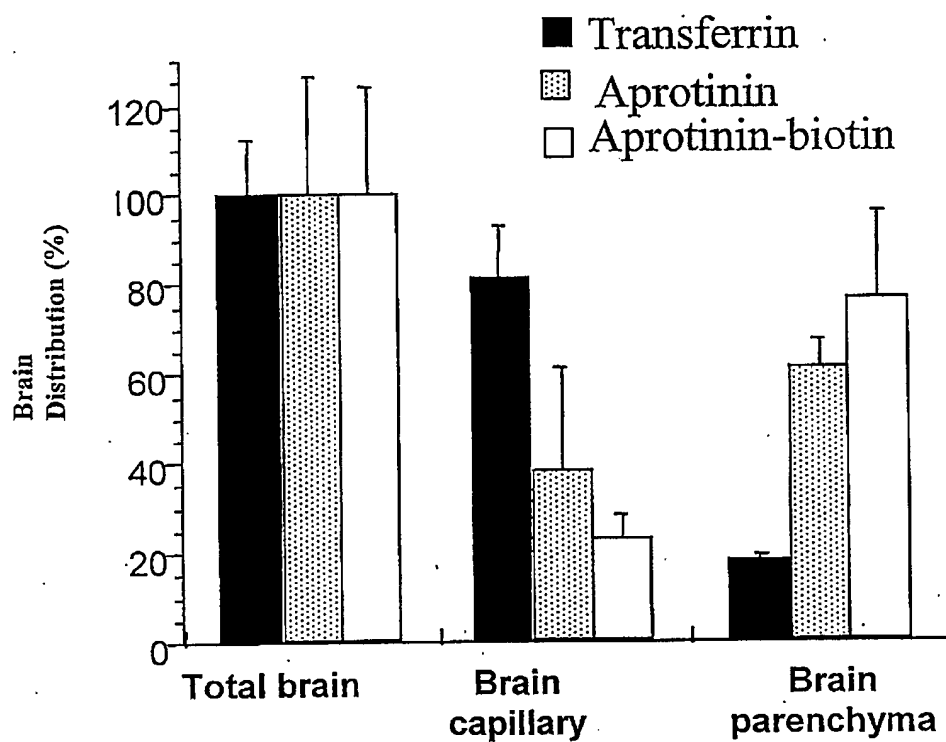


FIG. 14

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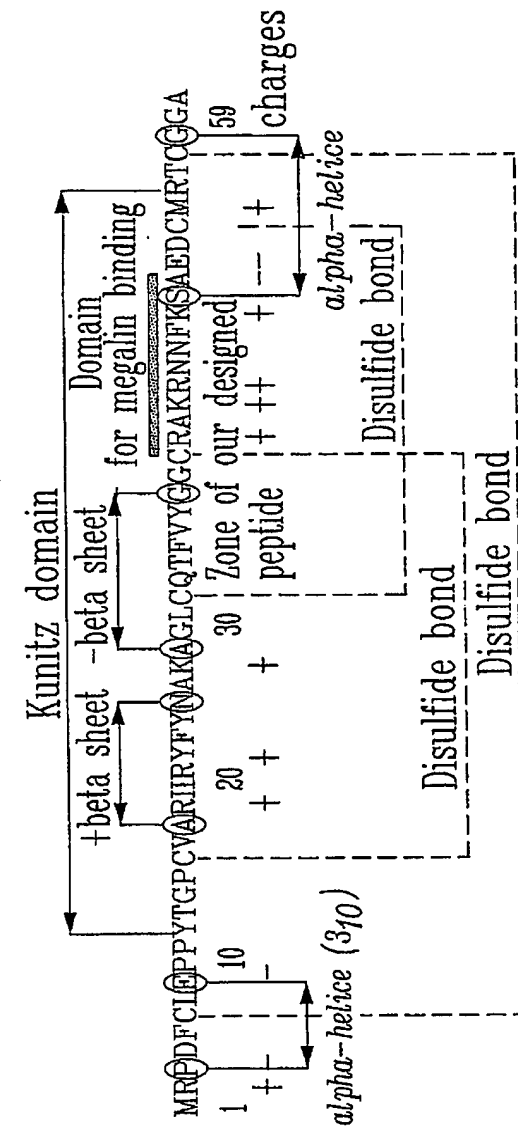


V_D for aprotinin in brain parenchyma = 3 μ l/100 g

FIG. 15

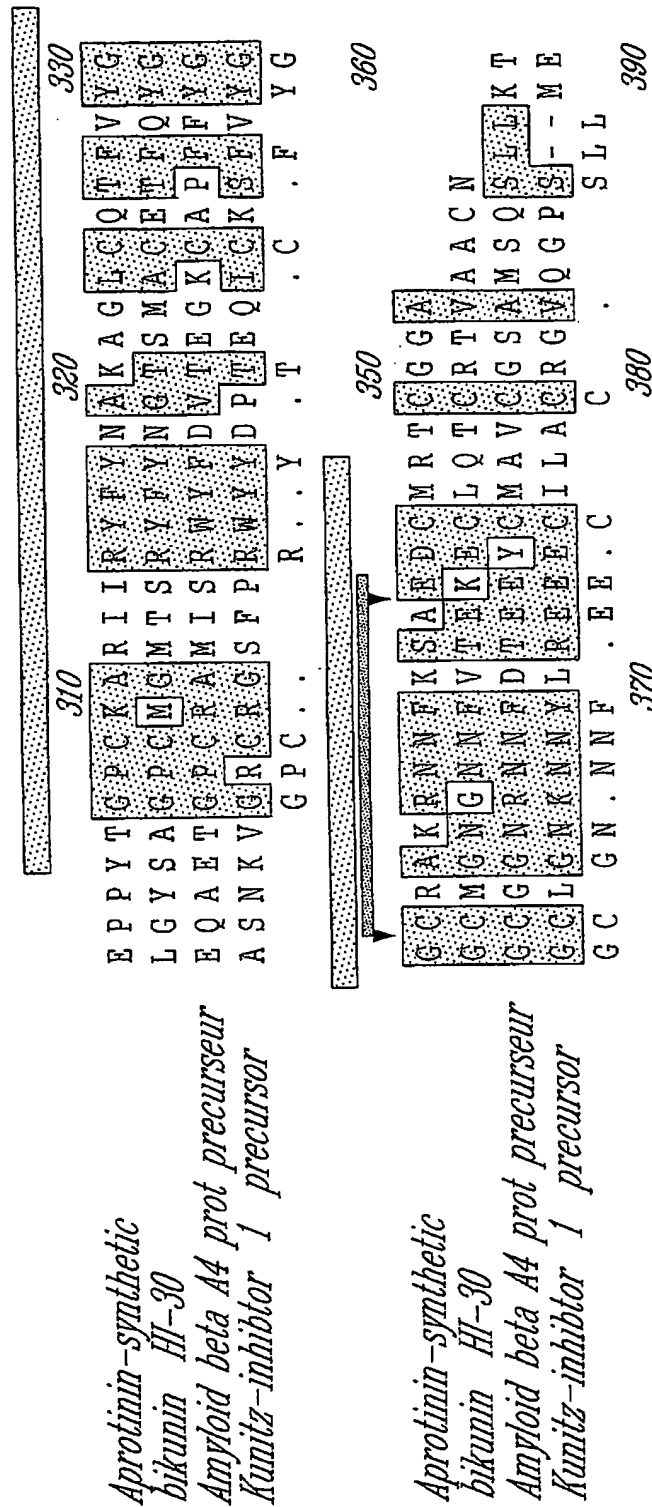
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Synthetic-Aprotinin Sequence (net charge + 5)
Protein of 59 amino-acids, 6500 Da:



- * Zone of our designed peptides
- * 4 nucleophiles amines=4 potential sites of conjugaison (residue 1,27,42,47)
- * 6 cysteines engaged in disulfides bonds
- * 2 alpha-helices and 2 beta sheets

FIG. 17
Alignment between aprotinin
and three human proteins with a similar domain



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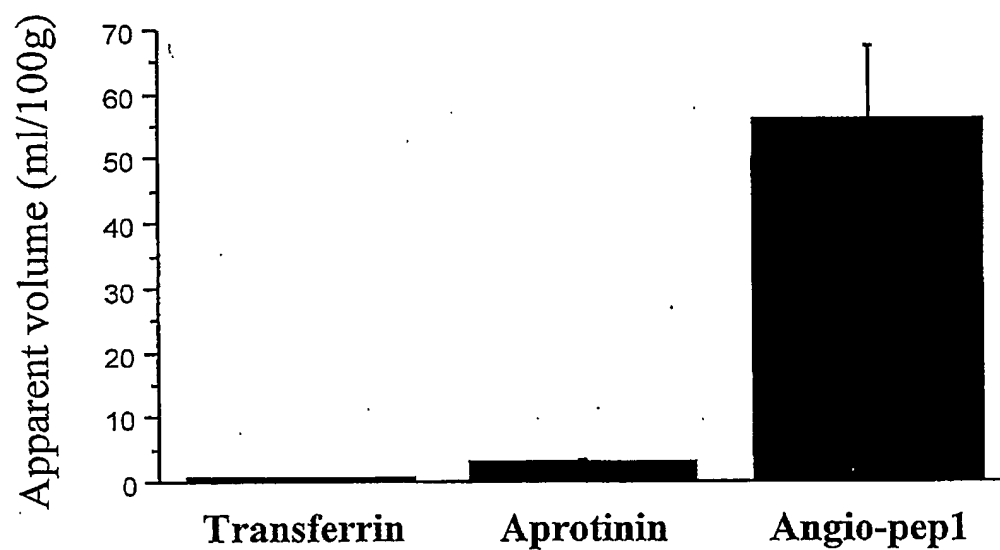


FIG. 18

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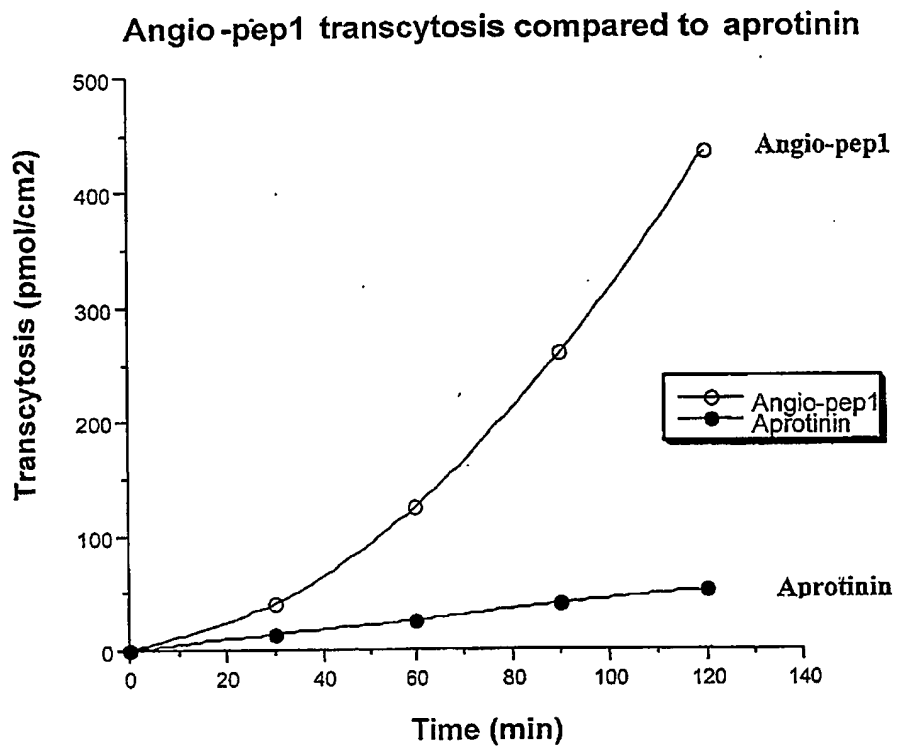


FIG. 19

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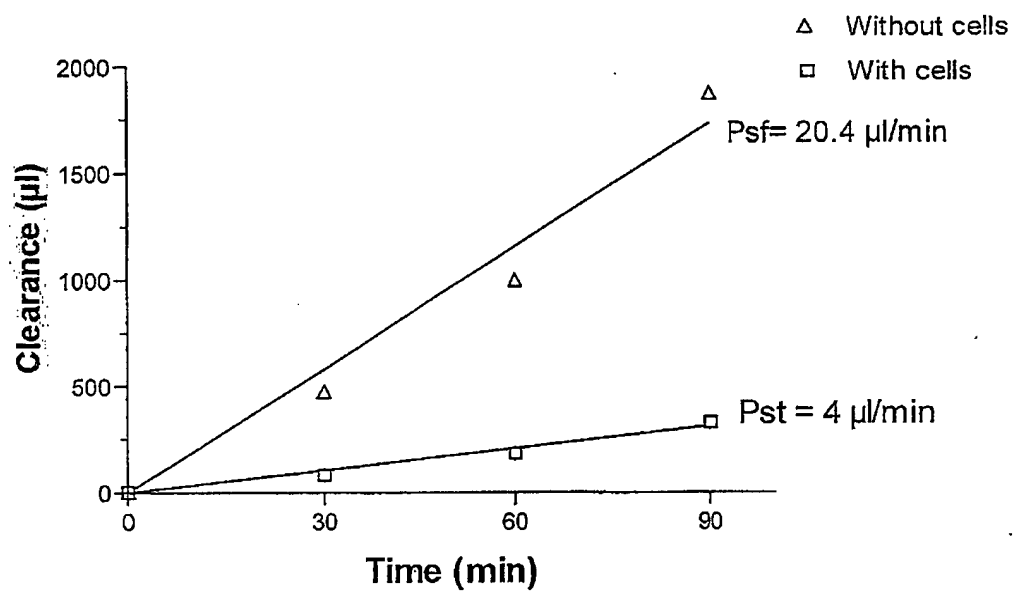


FIG. 20